

Top Ten Highest Historical Crests: East Branch Delaware River at Harvard

Latitude: 42.025

Period of Record: 1936-Present

Longitude: -75.12

Flood Stage: 10

Last Flood: 9/7/2011

Total Number of Floods: 29

| Date of Flood | Crest (ft) | Streamflow (cfs) | Wx Comments |
|---------------|------------|------------------|--|
| 9/22/1938 | 16.93 | 31,400 | The Long Island Express Hurricane produced more than 5 inches of rain in New Jersey, New York and other parts of the Northeast. Major flooding occurred across New York, New Jersey and Pennsylvania. |
| 6/28/2006 | 16.61 | 22,100 | A stationary front and thunderstorms brought widespread, but locally heavy rainfall to the area. Total precipitation amounts ranged from 4-6 inches over the Lower Delaware to 9-11 inches over the headwaters of the James. |
| 4/3/2005 | 16.32 | 21,300 | A Maddox Synoptic Type system produced 1-2.5 inches of rainfall over the North Branch Susquehanna and Lower Potomac, and 2-4 inches of rain over New Jersey and Pennsylvania. |
| 9/18/2004 | 16.07 | 20,600 | The remnants of Hurricane Ivan, combined with a cold front, produced an average rainfall amount of 2-4 inches in NY, 3-7 inches in PA, 1-3.5 inches in NJ and 2 inches in WV. |
| 3/22/1948 | 15.75 | 27,000 | Streams remained high after flooding a few days earlier. A warm front followed by a wave of low pressure produced an additional 0.5 and 1.5 inches of rain respectfully. |
| 11/26/1950 | 15.69 | 26,800 | Record breaking cold air spawned a coastal "bomb" that retrograded back to the lower Great Lakes underneath a deep closed vortex. Several inches of rain fell across the area. |
| 3/18/1936 | 15.58 | 26,200 | Two successive rainstorms combined with snowmelt flooded the Eastern Seaboard from Virginia to Maine. A total of 150 to 200 lives were lost and damage estimates were over \$1 million. |
| 3/31/1940 | 15.01 | 23,100 | Low pressure produced 24-hour rainfall totals of 2.86 inches in Wilkes-Barre and 1.87 inches in Binghamton. |
| 9/7/2011 | 14.73 | 17,100 | The remnants of tropical storm (TS) Lee moved up the Appalachian Mountains and interacted with a quasi-stationary east-west frontal boundary. 10 to 15 inches fell at numerous locations in Central PA and NY. |

Drainage Area: 458 sq mi

Gage Datum: 1007.41 ft MSL

Main Stem Delaware Basin

County of Gage: Delaware

County of Forecast Point: Delaware

| Date of Flood | Crest (ft) | Streamflow (cfs) | Wx Comments |
|---------------|------------|------------------|--|
| 5/23/1942 | 14.62 | 21,600 | Periods of heavy rain fell on May 20-23; as much as 5 to 7 inches of rain fell over some of the flood area on May 22 |

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